

NBH#6-W23

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: July 13, 2007**Application For the Operation or Report on Wells**

North Burbank Unit Tract #6

(Commencement money paid to whom) (Date) (Amount)

Well No.: W23 is located 890 Ft. from S line and 730 Ft. from E line
SW/4 Sec 01 27N 05E Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp) (Range)

The elevation of the ground level above sea level is 1130 Ft.
OS #0148

Use This Side to Request Authority for Work

(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
Plug..... ☐
Deepen or plug back.. ☐
Convert..... ☐
Pull or alter casing..... ☐
Formation Treatment. ☐
..... ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.

Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.

Plugging will not commence until 10 days following approval unless authority granted for earlier commencement.

A \$15.00 plugging fee is also required with each application to plug.

 Bbls oil Bbls water in 24 hrs

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee:

Signature: _____

Title: _____

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114**Use This Side To Report Completed Work**

(One Copy Required)

Character of Well (oil, gas or dry) Injector

Subsequent Report of:

- Conversion..... ☐
Formation Treatment. ☐
Altering casing..... ☒
Plugging Back..... ☐
Plugging..... ☐

Details of Work & Results Obtained

MIRU Unit #525. POOH w/Seal-Tite coated inj tbg & pkr. RIH w/3¾" mill to 2960' outside the 4½" csg into the openhole. POOH w/mill. RU Elite Wireline & ran collar locator & 4½" CIBP. Found end of 4½" csg @ 2918'. Set CIBP @ 2912'. RDMO Elite. Dug out cellar to expose csg string tops. RIH w/1" tbg in annulus of 4½ X 8-5/8" csg. to 320'. Tie off 1" for use later. Weld in hole 3½" PE lined pipe to 2903' w/float shoe on bottom. MIRU GC Cement & nestablish circ out 3½" annulus. Pump 50 sks (OVER)

Work commenced: 8/21/2006Work completed: 9/1/2006

(Continue on reverse if necessary)

This block for plugging information only
Casing Record

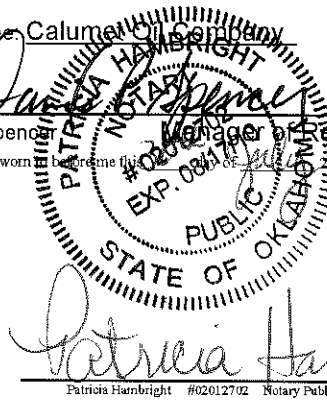
Size	In Hole When Started	Amt. Recovered	If Parted Depth	How

Original TD _____

Lessee: Calumet Oil Company

By: _____

David P. Spencer, Manager of Regulatory Affairs

Subscribed and sworn before me this 13 day of July, 2007.

Patricia Hambricht #02012702 Notary Public My Commission Expires August 17, 2010

Reg Cmt, then drop wiper plug & displace to float shoe. Had good circ thru-out. Set plug w/1200 psi. Check for flowback & held OK. Hook onto 1" tbg previously placed in 4½" annulus & pump 105 sks Reg Cmt to surf. This covered the USDW for protection. SD WOC. RIH w/mill & WS to drill up wiper plug, float shoe, cmt., & CIBP. Circulate hole clean & POOH w/mill. RIH w/2-1/16" Seal-Tite plastic coated tbg & 2-1/16" X 3½" Seal-Tite coated pkr. Set pkr @ 2892'. MIT well & resume injection @ 600 BWPD.